

# United States Tires

SALES & SERVICE DEPOT

## The Sign of Perfect Service

Look at it—remember it—for wherever you see it displayed by a tire dealer you will know

—that there you can obtain tire service,

—that merely selling you a tire is not the end,

—tire service which will give you one hundred and one courtesies, little and big, which will keep down your tire costs.

Dealers displaying this sign are the best dealers;

—they carry a complete line of United States Tires,

—the 'Nobby', the 'Chain', the 'Royal Cord', the 'Usco', the 'Plain',

—a tire for every need of price and use.

—Deal with these Sales and Service Depots—depend on their judgment—and you will have supreme tire service.

## United States Tires Are Good Tires

A Tire for Every Need of Price and Use  
'Nobby' 'Chain' 'Royal Cord' 'Usco' 'Plain'

United States Tires and TIRE ACCESSORIES Have  
All the Staying North and West that Make  
United States Tires Supreme

United States Tires are carried by the following Sales and Service Depot which can tell you which of the five types of United States Tires exactly suits your needs.

MINERAL MOTOR COMPANY, Big Stone Gap, Virginia

## Better Farming in the South HOW CROP YIELDS ARE LIMITED

The Weakest Element of Plant Food Fixes the Crop Yield, Just as the Weakest Link Fixes the Strength of the Chain—Only By Fertilization Can the Weakness Be Removed.



J. C. FIDMORE  
Agronomist

Plants must feed to grow. Four essential food elements come from the air and six from the soil. Only three of those that come from the soil fall short of crop requirements and have to be supplied by man if the greatest yields are to be obtained. These are Nitrogen, Phosphoric acid and potash. Every soil may be said to have a limiting factor of production. This may be a shortage of some plant food element. If so, this should be supplied through fertilization if the largest possible yields are to be obtained. No matter how much of other plant food a soil may contain, if there is a shortage of nitrogen, for example, then nitrogen will fix the limits of production. Likewise with phosphoric acid or other elements.

Plants differ from animals in taking food, in that plants will take foods only when the elements composing them are in soluble form, that is, when they are dissolved in water. When one element is deficient, the plant ceases growing.



To illustrate in another way, observe the picture.

Here is a vessel made of staves. Each stave may represent a food element or other factor of crop production. Some of the staves are shorter than others. Does not the shortest stave then determine how much water the vessel can hold, and does not the

shortest plant food element represented here by a stave, limit the possible production of a crop?

If, for instance, there is only enough nitrogen in the soil to produce 30 bushels of corn or 175 pounds of cotton per acre, while there is enough plant food elements of other kinds to produce enormously more, how then can greater yields be obtained than the nitrogen will permit?

The problem of plant feeding is, therefore, no simple one. It has engaged long and most careful investigations of scientists, who have delved deep into the mysteries of how plants feed and what they feed upon. On the basis of the most exact knowledge thus obtained, modern fertilizers have been manufactured. Soil deficiencies, or "limiting factors," modern fertilizers are designed to remove, and to call into fullest action the natural resources of the soil.

Since there is a limiting factor in all soils, it is worth while for each farmer to undertake to remove that limitation. Intelligent use of fertilizers will accomplish it, if food elements are this limiting factor. In no other way can it be done than by the help of man. He must bring to the plant the food it needs and cannot find when this is the factor limiting production.

The plant, of course, must be given the best of surroundings. It must not only have plenty of plant food, but the soil must be properly drained of excess water; it must be well supplied with lime, and organic matter; its moisture must be conserved, and weeds killed through proper cultural methods. These things man can provide. Therefore, if man is not the "limiting factor" and he looks after the plant food requirements, the greatest possible yields will occur.

### PASTURE VELVET BEANS

Inquiry—"What is the most profitable use of the Velvet Bean?"

Plant the velvet bean in the corn and get a double crop. They do well together. Plant an early variety and fertilize for a good growth.

The most economical use of velvet beans is to let cattle feed on them in the field and then to turn under the vegetable matter remaining. If there are not sufficient cattle on the place, get them and feed them. Why go to the expense of gathering beans, grinding and shipping the meat off to some one else to feed and get the benefits?—J. N. HARVEY.

## Doctor Gillespie Endorses A-I-M

Non-Alcoholic Natural Iron In Highly Concentrated Form Makes Fine Tonic.

Recommends It for Home Use.

"Acid Iron Mineral, now being widely advertised for the first time by the Ferrodine Chemical Corporation is a natural iron remedy of exceptional merit. Best of all it contains no dangerous alcohol to disturb and injure the action and efficiency of the kidneys, liver, bladder, nerves and digestive machinery and I firmly believe it is the best iron tonic and system builder as well as blood purifier and nerve tonic possible for the public to secure at their drug store," declared Dr. W. H. Gillespie.

"Acid Iron Mineral is being introduced to the public in a highly concentrated form, and in generous size bottles suitable for home use. It contains an analysis a high percentage of iron in three forms together with calcium, sodium, potassium, magnesium and sulphuric acid in what I believe to be exactly the right proportions for the treatment of the stomach, blood, kidney, digestion and bladder complaints," continued Doctor Gillespie.

"The Ferrodine Chemical Corporation is using the utmost care in testing and maintaining it at its present state of purity and excellence and no one need fear its hurting the teeth, stomach, digestion or causing constipation as many preparations are apt to do."

"Taken after meals it increases the appetite. Stimulates the system to renewed activity, and by giving the system iron in large quantities makes for richer better blood and freedom from rheumatic and other uric acid complaints. I often have recommended that families put a 50 cent bottle in a five gallon bottle of water for drinking purposes as it makes a splendid mineral water of known value. Druggists, dentists, surgeons and doctors have recommended Acid Iron Mineral for thirty years, and now

that you may get it at your druggist in quantities and form best adapted for home use I sincerely recommend it"—adv.

Was From North Carolina.

Among the applicants for a war registration card at the office of City Clerk Ben T. August was a big athletic figure of a man, broad of shoulder and thick of biceps, who pulled pensively on a corn-cob pipe as he stood in the waiting line. Finally his turn came. "What's the name, please?" asked Clerk Blackely, who was filling out and issuing the cards. The applicant gave his name, "Are you a native?" was the next question. "Now, sir," the big man replied. "Naturalized citizen?" queried the clerk, pointing his pencil above the blank form. "Now, sir," replied the applicant; "I'm from Two Forks, North Carolina.—Richmond Evening Journal.

Says Phosphates Make Beautiful Women and Strong, Healthy, Virgorous, Robust Men.

Physicians all over the world are prescribing phosphates to build up run down enemic conditions and those who have treated their patients with Argo-Phosphate are changing thin, enemic women with toneless tissues, flabby flesh, into the most beautiful rosy checked and plump round formed women imaginable.

Atlanta, Ga.—Dr. Jacobson said in a recent interview that 99 per cent of enemics comes from nervous breakdown which can only be corrected by supplying the necessary phosphates to the nervous system that is lacking in the food you eat, and this can be quickly supplied by taking one or two 5 grain Argo-Phosphate tablets each meal, and at bed time. It will in many cases make a new woman face the picture of health in a few days. I have seen women that I expected would have to be kept under treatment for months restored to perfect health in one or two weeks time.

SPECIAL NOTICE. The Argo-Phosphate recommended by Dr. P. H. Jacobson contains phosphates such as are prescribed by leading physicians throughout the world, and it will be found the most effective form for treating patients with Nervous Dyspepsia, Stomach Troubles, Brain Fog, and Nervous Prostration. It will renew youthful vim and vigor, and build up the whole body. If your druggist will not supply you with Argo-Phosphate, send \$1.00 for two weeks treatment, to Argo Laboratories, 10 Forsyth St., Atlanta, Ga.—adv.

FOR SALE CHEAP.—1 two horse wagon, 1 set double harness, 1 hack, 1 buggy and harness. For further particulars see E. A. Compton, Big Stone Gap, Va.

## Southern Railway System

### Condensed Time Card

#### EASTERN TIME

- No. 2—Leaves Appalachia 8:55 a. m., Big Stone Gap 9:05 a. m., Gate City 10:11 a. m. for Bristol and intermediate points. Arrives Bristol 12:05 noon. Carries through Buffet Pullman Sleeper from Louisville, Ky.
- No. 4—Leaves St. Charles 1:30 p. m., Appalachia 3:05 p. m., Gate City 4:40 p. m. for Bristol. Connects at Gate City for Holston River Line, Bulls Gap and Rogersville. Arrives Bristol 6:10 p. m.
- No. 3—Leaves Bristol 5:40 a. m., Gate City 10:01 a. m., Big Stone Gap 11:11 a. m., Appalachia 11:50 a. m. Arrives St. Charles 1:15 p. m.
- No. 1—Leaves Bristol 5:40 p. m., Gate City 6:36 p. m., Big Stone Gap 8:19 p. m. Arrives Appalachia 8:25 p. m. Carries Pullman Buffet Sleeper to Louisville, Ky.
- No. 8—Leaves Gate City 4:50 p. m. for Holston River points. Arrives Bulls Gap 6:50 p. m., Rogersville 8:50 p. m.
- No. 7—Leaves Bulls Gap 8:00 a. m., Rogersville 8:15 a. m., Arrives Gate City 9:51 a. m.

Close connections in Union Stations Bristol and Appalachia.

W. E. ALLEN,  
D. P. A.,  
Bristol, Va.

## Norfolk & Western

### Schedule in Effect

Nov. 22, 1914.

LEAVE NORFOLK, VA. 6:15 a. m. and 2:30 p. m. for Bluefield and intermediate stations. Parker Car on 2:30 p. m. train. Connection at Bluefield with Trains East and West. Pullman Sleepers, Dining Cars.

LEAVE BRISTOL, VA. Daily 6:15 a. m. for East Radford, Roanoke, Lynchburg, Petersburg, Richmond and Norfolk. Pullman Parlor Car to Richmond. Roanoke to Hagerstown. Pullman sleeper Hagerstown to New York.

5:00 p. m. for Norfolk and intermediate points. Pullman Sleepers to Norfolk. 1:30 p. m. and 7:35 p. m. limited. Solid trains with Pullman Sleepers to Washington, Baltimore, Philadelphia and New York via Lynchburg. Does not make local stops.

12:15 p. m. daily for all points between Bristol and Lynchburg. Connects at Walton at 5:10 p. m. with the Chicago Express for all points west and northwest.

W. C. SULLIVAN, G. P. A.  
W. B. REYNOLDS,  
Pass. Traf. Mgr.,  
Roanoke, Va.

## S. S. Masters & Co.

General Blacksmith  
Repair Work.

Boller and Machine Repairing. Horse shoeing a specialty. Wagon and Buggy Work. We make a specialty of putting on rubber tires. All work given prompt and careful attention.

Big Stone Gap, Va.

## Dr. G. C. Honeycutt

DENTIST

BIG STONE GAP, VA.  
Office in Willis Building over Mutual Drug Store.  
Will be in Clinchport every Saturday.

## J. C. CAWOOD

BLACKSMITHING

Big Stone Gap, Va.

Wagon and Buggy work A Specialty.

I have an Up-to-date Machine for putting on Rubber Tires. All work given prompt attention.

Dr. J. A. Gilmer

Physician and Surgeon

OFFICE—Over Mutual Drug Store  
Big Stone Gap, Va.

DR. G. M. PEAVLER,

Treats Diseases of the

Eye, Ear, Nose and Throat.

BRISTOL, TENN.

Will be in Appalachia third

Friday in Each Month.

MADEAS-1

Effective

MONDAY, MARCH

26th, 1917

Through

Modern Steel Coach

Between

Knoxville, Louisville

and St. Louis

Via

Southern Railway System

DAILY

By Knoxville..... 9:40 P. M.

At Louisville..... 8:40 A. M.

At St. Louis..... 7:30 P. M.

Also Through Sleeping Car

W. H. Caffey, D. P. A., Knoxville, Tenn.

W. E. Allen, D. P. A., Bristol, Tenn.

14-15

## FOX & PECK,

Civil and Mining Engineers.

Big Stone Gap, Va. Harlan, Ky.

Reports and estimates on Coal and Timber Lands. Design and Plans of Coal and Coke Plants, Land, Railroad and Mine Engineering. Electric Blue Printing

## CALOMEL SALIVATES

AND MAKES YOU SICK

Acts Like Dynamite On a

Sluggish Liver and You

Lose a Day's Work.

There's no reason why a person should take sickening, salivating calomel when 50 cents buys a large bottle of Dodson's Liver Tone—a perfect substitute for calomel.

It is a pleasant, vegetable liquid which will start your liver just as surely as calomel, but it doesn't make you sick and can not salivate.

Children and grown folks can take Dodson's Liver Tone, because it is perfectly harmless.

Calomel is a dangerous drug. It is mercury and attacks your bones. Take a dose of nasty calomel today and you will feel weak, sick and nauseated tomorrow. Don't lose a day's work. Take a spoonful of Dodson's Liver Tone instead and you will wake up feeling great. No more biliousness, constipation, sluggishness, headache, coated tongue or sour stomach. Your druggist says if you don't find Dodson's Liver Tone acts better than horrible calomel your money is waiting for you.—adv.